

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 31, 2009

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS				% CAPACITY 3/31/2009	%AVERAGE 3/31/2009	Reading Date	COMMENTS
		AVERAGE 1960 - 2008	Last Year 3/31/2008	Last Month 2/28/2009	PRESENT 3/31/2009				
	Full Pool								
	Contents								
ACKLEY	6,140	3,205	2,185	1,511	1,511	25	47	3/31/09	volume estimated
BAIR	7,300	4,330	1,655	2,415	2,828	39	65	3/31/09	from D. Mann el.=5302.34
CATARACT	1,478	393	310	330	330	22	84	3/31/09	volume estimated
COONEY	28,230	20,084	18,338	19,286	22,355	79	111	4/1/09	from J. Krook el.=4243.9 (22,265 AF)
COTTONWOOD	1,900	771	269	1,056	1,328	70	172	3/31/09	from B. Gartland el.=5099.73
DEADMAN'S BASIN	75,968	48,196	28,702	45,712	50,130	66	104	3/31/09	from T. Hice el.=3907.7 (46,380 AF)
E.F. ROCK CREEK	16,040	9,093	10,678	11,504	11,980	75	132	3/31/09	from data logger el.=6044.5
FRENCHMAN	2,777	650	650	1,556	2,777	100	427	3/31/09	from G. Yeska el.=2264.6
MARTINSDALE	23,348	8,833	699	6,767	8,768	38	99	3/31/09	from L. Hammond (sd=239)
MIDDLE CREEK	10,184	6,291	6,191	6,469	6,526	64	104	3/31/09	from B. Gartland el.=6703.73
NEVADA CREEK	11,207	7,663	5,076	8,222	9,930	89	130	3/31/09	from J. Beck el.=4612.43
NILAN	10,992	6,561	6,269	9,084	9,171	83	140	3/31/09	from J. Beck (8271 AF) el.=4439.8
N.FK. SMITH RIVER	11,406	6,959	5,264	7,373	8,241	72	118	3/31/09	from D. Mann el.=5302.34
RUBY RIVER	36,633	30,975	31,741	28,530	30,879	84	100	3/27/09	from P. Dasenko (sd=103.5)
TONGUE RIVER	79,071	45,169	51,808	60,020	62,149	79	138	3/31/09	from data logger el.=3423.5
W.F. BITTERROOT	32,362	8,283	9,346	8,866	9,973	31	120	4/1/09	from A. Pernichele
WILLOW CREEK	18,000	16,498	12,761	14,000	12,933	72	78	3/27/09	from P. Dasenko (sd=109.1 boat ramp)
YELLOWATER	3,842	980	600	1,450	1,700	44	173	4/4/09	from B. Murphy

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey